

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty's Docket No. 101216-19

APPLICANT : Bettina Fath et al.  
FILED : Concurrently Herewith  
FOR : Composition for the Treatment of Human Hair

PRELIMINARY AMENDMENT

Hon. Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the application as follows:

IN THE SPECIFICATION

Page 1, after line 1, please insert --Background of the  
Invention--;

Page 1, after line 21, please insert --Summary of the  
Invention--;

Page 2, after line 3, please insert --Detailed Description  
of the Preferred Embodiments--.

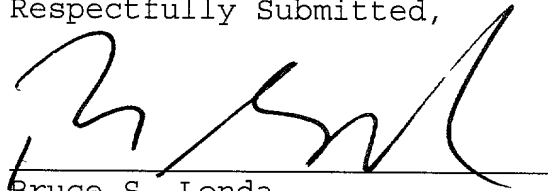
## IN THE CLAIMS

Please amend the claims in accordance with the attached marked-up pages. A clean copy of the amended claims is also enclosed.

## REMARKS

The above amendments were made to place the application into proper United States Patent Format.

Respectfully Submitted,



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## Amended Claims - Marked-up Version

1. Hair care composition on aqueous basis, comprising
- at least one UV-absorbing substance, and
  - at least one mica /titanium dioxide pigment, whereby at least 90% by weight thereof have a particle size between about 10 and 250 microns.
2. Hair care composition according to claim 1, wherein 80% to 90% by weight of the pigment consist of mica, and 10% to 20% by weight thereof consist of titan dioxide.
3. (amended) Hair care composition according to claim 1 ~~or~~ 2, containing the mica/titanium dioxide pigment in an amount between about 0.05% to about 5% by weight, calculated to the total composition.
4. (amended) Hair care composition according to ~~one or more of claims 1 to 3~~ claim 1, wherein the UV-absorber is selected from at least one of the compounds 4-aminobenzoic acid and the esters and salts thereof, 2-phenyl benzimidazole-5-sulfonic acid and the alkali and amine salts thereof, 4-demethyl aminobenzoic acid and the esters and salts thereof, cinnamic acid and the esters and salts thereof, 4-methoxy cinnamic acid and the esters and salts thereof, salicylic acid and the esters and salts

## Amended Claim - Marked-up Version

thereof, 2,4-dihydroxybenzophenone, 2,2'.4.4'-tetrahydroxybenzophenone, 2-hydroxy-4-methoxybenzophenone and its 5-sulfonic acid or the sodium salt thereof, 2,2'-dihydroxy-4,4'-dimethoxybenzophenone, 2-hydroxy-5-chlorobenzophenone, 2,2'-dihydroxy-4-methoxybenzophenone, 2,2'-dihydroxy-4,4'-dimethoxy-5,5'-disulfobenzophenone or the sodium salt thereof, 2-hydroxy-4-octyloxybenzophenone, 2-hydroxy-4-methoxy-4'-methylbenzophenone, 3-benzylidene campher, 3-(4'-sulfo)-benzylidene bornane-2-one and the salts thereof and/or 3-(4'-methylbenzylidene)-DL-campher.

5. (amended) Hair care composition according to ~~one or more~~  
~~of claims 1 to 4~~ claim 1, wherein the proportion of the UV-  
absorber is from about 0.05% to 2.5% by weight, calculated to  
the total composition.

6. (amended) Hair care composition according to ~~one or more~~  
~~of claims 1 to 5, characterized by~~ claim 1, wherein the  
composition additionally containing contains green tea extract.

7. (amended) Hair care composition according to ~~one or more~~  
~~of claims 1 to 6, characterized by containing~~ claim 1, wherein  
the composition contains about 0.1% to 5% by weight of at least

## Amended Claim - Marked-up Version

one amphoteric or zwitterionic surfactant, calculated to the total composition.

8. (amended) Hair care composition according to claim 7, ~~characterized by containing~~ wherein the composition contains about 0.25% to 2.5% by weight, calculated to the total composition, of at least one betaine.

9. (amende) Hair care composition according to ~~one or more~~ of ~~claims 1 to 8,~~ characterized by containing claim 1, wherein the composition contains about 0.1% to 10% by weight of at least one C<sub>12</sub>-C<sub>18</sub>-alkyl amidoprophyl dimethyl or diethyl amine.

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TOTAL 09975320

## Amended Claims - Clean Copy

1. Hair care composition on aqueous basis, comprising

- a) at least one UV-absorbing substance, and
- b) at least one mica /titanium dioxide pigment, whereby at least 90% by weight thereof have a particle size between about 10 and 250 microns.

2. Hair care composition according to claim 1, wherein 80% to 90% by weight of the pigment consist of mica, and 10% to 20% by weight thereof consist of titan dioxide.

3. (amended) Hair care composition according to claim 1, containing the mica/titanium dioxide pigment in an amount between about 0.05% to about 5% by weight, calculated to the total composition.

4. (amended) Hair care composition according to claim 1, wherein the UV-absorber is selected from at least one of the compounds 4-aminobenzoic acid and the esters and salts thereof, 2-phenyl benzimidazole-5-sulfonic acid and the alkali and amine salts thereof, 4-dimethyl aminobenzoic acid and the esters and salts thereof, cinnamic acid and the esters and salts thereof, 4-methoxy cinnamic acid and the esters and salts thereof, salicylic acid and the esters and salts thereof, 2.4-



## Amended Claim - Clean Copy

8. (amended) Hair care composition according to claim 7, wherein the composition contains about 0.25% to 2.5% by weight, calculated to the total composition, of at least one betaine.

9. (amended) Hair care composition according to claim 1, wherein the composition contains about 0.1% to 10% by weight of at least one C<sub>12</sub>-C<sub>18</sub>-alkyl amidoprophyl dimethyl or diethyl amine.

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